

ECS Configuration Change Request

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Page(s)

1. Originator Cherry Kenney	2. Log Date: 4/17/02	3. CCR #: 02-0317	4. Rev: -	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/SWIT
8. CCR Title: Patch 6A.05_JDT.01 Scheduled JDT delivery to EDC DAAC only. Contains fixes for three Sev 3 NCRs.						
9. Originator Signature/Date <i>Cherry A. Kenney</i> 4/17/02		10. Class II	11. Type: CCR	12. Need Date: 17April02		
13. Office Manager Signature/Date <i>Amos</i> 4/17/02		14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (if "Emergency" fill in Block 27). Emergency		
16. Documentation/Drawings Impacted:		17. Schedule Impact:		18. CI(s) Affected:IDG		
19. Release Affected by this Change: 6A		20. Date due to Customer: 17April02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 30795, 32820, 33796						
23. Problem: (use additional Sheets if necessary) ECSed30795 Upgrade JDT to run on SDK1.3 ECSed32820 Editing/Submitting of Previously submitted DAR does not work ECSed33796 Modify failed login text.						
24. Proposed Solution: (use additional sheets if necessary) Deliver Patch_6A.05_JDT.01. This patch must be installed onto the 6A.05 baseline. There are no other dependencies on previous patches to 6A.05.						
25. Alternate Solution: (use additional sheets if necessary) Delay testing; wait until next full system delivery.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in testing or possible delays in 6A.05 operational testing						
27. Justification for Emergency (If Block 15 is "Emergency"): Needed immediately following the delivery of 6A.05.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>SMS</i> 4/17/02		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>AS</i> 4/17/02		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 02-0317 Rev: - Originator: Cherry Kenney

Telephone: 301-883-4177 Office: 3204D

Title of Change: Patch 6A.05_JDT.01 Scheduled JDT delivery to EDC DAAC only. Contains fixes for three Sev 3 NCRs.

ClearCase

PLEASE, Build TAR file as follows:

Build a Sun TAR file for the listed .pkg from the current 6A .05 baseline:

/ecs/formal/CLS/.EcClJdt.pkg

Please name tarfile : Patch_6A.05_JDT.01.

Please deliver tarfile to EDC DAAC only

DAAC Install Instructions

1. Receive the TAR file from the SMC.
2. UnTAR file into staging area.
3. On any SUN host, activate the ECS Assistant
4. Select Subsystem Manager
5. Select the correct mode.
6. Select CLS for the subsystem
7. Select EcCi from the components column
8. Select the Install button
"Modes and Mode Installation" dialog should appear that has the following parameters:
 - For "Installation Type" select Normal
 - For "Source file location" select Non-Stage
 - Select the .EcClJdt.pkg package
 - For "Site Specific configuration values" select Yes,
9. Verify install completes with no errors.

PATCH TEST REPORT**ECS System Integration and Test**

Patch/Test Executable Name/ID: Patch 6A05_JDT01 installed in PVC/TS2	Patch Delivery Date: 4/8/02 Patch Installation Date: 4/9/02 Install Location/Mode: PVC/TS2 Mode	Lead Engineer: Doug McCartney
NCR ID/Name (Attach if list): ECSed30795 JDT: Upgrade JDT to Run on SDK1.3 ECSed32820 JDT: Edit/Submit of Previous DAR ECSed33796 JDT: Modify Failed Login Text		Test Approach: Because a new compiler is involved, a thorough regression test of all the functionality directly handled by JDT code is required. Testing of Java DAR Tool requires the following: CLS, MSS and CSS subsystems and servers: p0ins02 jess_server https_p0ins02u_JDT_TS2 web server p0ins01 Mojo Server DAR Comm Gateway Server p0mss21 DAAC Reg User Server t0ins01 ASTER Simulator t0ins01 SMC User Profile Gateway Server t0mss01 SMC ECS Account Server and GUI PVC/VATC Firewall Servers An EDF PC workstation external to the PVC. A UNIX workstation to display debug.logs and the ECS User Account Management GUI
Actual Tests/Results (List by NCR, if applicable)		
Inputs/Actions:	Outputs/Expected Results:	Comments:
Checkout/Regression Test/ 1. Startup servers and workstations required for the JDT test and display server debug logs. 2. From PC, launch Netscape, select JDT URL and login as JDT guest user by selecting guest box. 3. Create and attempt to submit a DAR (Title, Objective and spatial area are mandatory) 4. Logout and re-log in to JDT as an ECS user with ASTER permissions. 5. Create and submit a DAR with minimum entries. Check for JDT generated message and EMAIL. 6. In Netscape, log into the EDG Tool and create a new ECS account, specifying the username JDTUSER and password. 7. From the SMC ECS User Account Management GUI, edit the user account to approve ASTER submits 8. (continue to next part:)	Verify: 1. All components listed in Test Approach started and debug logs displayed in UNIX windows 2. Netscape is displayed, JDT login window is displayed, and JDT Initial screen displayed 3. DAR is created and saved; SubmitDAR button is grayed out and is non-selectable. 4. ECS ASTER user log in completes and ASTER DAR Tool main window is displayed. 5. DAR submitted box with DAR ID is displayed on screen. Email received: ECS: DAR Submit Request Result. 6. EDG window confirmed new account. Email message received. New user listed in MSS Account GUI 7. Inspect the GUI account and DAR tabs - ASTER box is checked and DAR tab is yes and an ASTER user category	Passed Passed (URL: p0ins02u.ecs.nasa.gov:10402/jdt_welcome.html) Passed (Note: JDT Java map display data is not available in PVC/TS2 mode) Passed (User: fourteenchar02) Passed: DAR ID: 54321 Test_DAR_fourteenchar02_041502 Passed (EDG version 3.4b.6). Username = JDTUSER Passed

<p>NCR30795-Verify Correct Operation of JDT code using new compiler</p> <ol style="list-style-type: none"> 1. Launch the Java DAR Tool and select Cancel in the Login window. Quit Netscape. 2. Launch Netscape, entered the JDT URL and login to the Java DAR Tool as new ECS user JDTUSER 3. Create (minimum entries: Title, Objective and selected polygon), save and submit a new DAR. 4. Check Email addressee for DAR message 5. Modify the DAR by selecting Create/Edit DAR / Modify Cloud coverage and changing the percentage of cloud coverage 6. Submit the modified DAR with the Submit DAR button 7. Suspend the DAR by selecting Create/Edit DAR / Suspend/Activate DAR, from the displayed window select Suspend and enter a Requestor Comment. 8. Submit the modified DAR with the Submit button 9. Close the JDT by selecting the Close button on the JDT windows 10. Re-login to JDT as same ASTER user. 11. Inspect Organizer Page for listing of newly submitted DARs 12. Select General and Spatial tabs and inspect DAR for correct contents. 13. Continue to next part: 	<p>Verify:</p> <ol style="list-style-type: none"> 1. JDT login window is removed, and JDT and Netscape windows are removed from the screen. 2. Netscape displayed, JDT initial window displayed with Organizer selected, ECS ASTER user login is completed. 3. DAR Submitted Acknowledgement message: Your Data Acquisition Request (DAR), titled (JDTUSER_TEST_DAR_04102) has been received by the ASTER-GDS and assigned the following DAR ID: 54321 You should receive an email confirming your request and providing additional information within 24 hours... 4. Message received: ECS: DAR Submit Request Result 5. The percentage is changed 6. Message displayed: DAR Modification Acknowledgement 7. Suspend/Activate DAR <###>displayed with Suspended button selected and the entered comment. 8. DAR Modification Acknowledgement message: DAR 54321 (titled:Test_DAR_fourteenchar02_041502) was successfully suspended 9. Log out of JDT completed; all GUI windows removed. 10. Login successful: initial screen displayed with Organizer tab. 11. New/modified DAR is listed on the Organizer page 12. DAR contents correct 	<p>Passed</p> <p>Passed</p> <p>Passed (General tab: DAR Title: JDTUSER_TEST_DAR_04102 Science Objective: JDTUSER_TEST_DAR_04102 Spatial tab: Number of PolygonPoints:4)</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p>
<p>NCR32820-Verify user can copy submitted DARs for reuse.</p> <ol style="list-style-type: none"> 1. On ASTER DAR Tool Organizer tab, select a previously submitted DAR 2. Select File/Copy commands 3. Click OK in the Copy window 4. On ASTER DAR Tool Organizer tab, select a previously submitted DAR 5. Select Copy icon on Organizer tab 6. Click OK in the Copy window 	<p>Visually verify in JDT GUI:</p> <ol style="list-style-type: none"> 1. Selected DAR is highlighted 2. A copy window displayed with default New Name "Copy of <current name>" 3. Copy window is removed, and new copy of DAR is listed in the Organizer window. 4. Selected DAR is highlighted 5. A copy window displayed with default New Name "Copy of <current name>" 6. Copy window is removed, and new copy of DAR is listed in the Organizer window. 	<p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p> <p>Passed</p>
<p>NCR33796-Verify new response message when server is down.</p>		<p>Note: NCR 34071 "User Can Login Without Correct Password" was written to check several login response inconsistencies. This testing was done with the new Seamless User Registration functionality, which may not be</p>

1. As an authorized ASTER user, submit a new DAR when the Mojo Server is down.	1. DAR Submit Acknowledgement window displayed: The submission for DAR (<DAR name>) failed. Please contact user services for assistance.	available at the DAACs. Passed
2. As an authorized ASTER user, submit a new DAR when the DAR Comm Gateway Server is down.	2. DAR Submit Acknowledgement window displayed: The submission for DAR (<DAR name>) failed. Please contact user services for assistance.	Passed
3. As an authorized ASTER user, submit a new DAR when the jess_server is down.	3. Login failure: Unforeseen Problem window is displayed: Stream closed please try again.	NCR 34072 "JDT: Log In Error Message Unclear When jess_server Down" The login response is correct, but the message is uninformative and not consistent with the rest. Passed
4. As an authorized ASTER user, submit a new DAR when ASTER Simulator is down.	4. DAR Submit Acknowledgement window displayed: The submission for DAR (<DAR name>) failed. Please contact user services for assistance.	Passed
5. Close all JDT windows and launch JDT and enter a non-ECS username and password in the JDT login window	5. JDT Welcome window is displayed with the username displayed and a caveat that user is not authorized to submit DAR: "Welcome to the ASTER Data Acquisition Request Tool, Bash. Please note that although you have access to most part of the tool, you are not authorized to submit Data Acquisition Requests (DARs)."	Passed as DAR submittal was denied. But access denial was not as expected. Non ECS User should receive a login denial and instructed to select guest box. NCR 34071. For this test, a fictitious name "Bash" was used.
6. Close all JDT windows, launch JDT and attempt a login to JDT with correct ASTER authorized ECS username and incorrect password in the JDT login window	6. JDT Welcome window is displayed with the username displayed.	NCR34071. The ASTER authorized username JDTUSER and correct password had already been used in the same session and may have been stored. From this login, the user was able to select the Submit DAR button. However, access should have been denied.
7. Close all JDT windows, launch JDT and attempt a login to JDT with correct ASTER authorized ECS username and incorrect password in the JDT login window with the MSS DAAC Registered User Server down.	7. JDT Welcome window is displayed with the username displayed and a caveat that user is not authorized to submit DAR: "Welcome to the ASTER Data Acquisition Request Tool, JDTUSER. Please note that although you have access to most part of the tool, you are not authorized to submit Data Acquisition Requests (DARs)."	NCR34071. I could not determine exactly what was supposed to happen, but I think the Mojo Server should validate the username and password with the local Registered User Account database (in the test area: on p0mss21) and probably deny access if unable.
List of Attachments (Messages/status/snaps): Screen snaps, system generated Email messages and debug log extracts available from tester.		
Signature of Lead Tester: _____		Date Completed: 16 April 2002